

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Divisional of U.S. Serial Number 09/701,121
Applicant : Shinji KAWAI et al
Filed : January 6, 2003
TC/A.U. :
Examiner :

Docket No. : 2923-594
Customer No. : 06449
Confirmation No. :

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

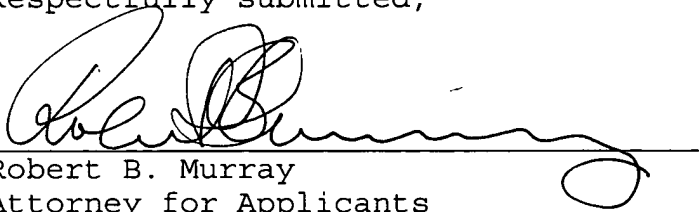
Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98,
Applicant submits herewith Form PTO-1449 listing publications
that the Office may wish to consider in examination of the
subject application.

Pursuant to 1.98(d), copies of the references are not
included because they were previously submitted to the Office in
prior application Serial No. 09/701,121, filed January 3, 2001.

Respectfully submitted,

By


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	Divisional of USSN 09/701,121
				Filing Date	January 6, 2004
				First Named Inventor	Shinji KAWAI et al
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	2923-594

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		5,158,934	A	Arthur J. Ammann et al	10/27/92

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
		WO	92 19262	A	Celtrix Pharma	11/12/92	
		WO	97 04095	A	Matsumoto Tomoaki et al	2/6/97	
		EP	0 866 125	A	Hoechst Marion Roussel Ltd.	9/23/98	
		WO	92 14481	A	Cetrix Pharma	9/3/92	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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Sheet	2	of	2	Attorney Docket Number	2923-594
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		Mason AJ, "Functional-analysis of the cysteine residues of Activin-A", MOLECULAR ENDOCRINOLOGY, March 1994, vol. 8, no. 3, pp. 325-332.			
		Amatayakul-Chantler et al., "Ser77!Transforming growth factor-beta1", J. BIOL. CHEM., vol. 269, no. 44, 4 November 1994, pgs. 27687-27691.			
		Hüsken-Hindi et al., "Monomeric activin A retrains high receptor binding affinity but exhibits low biological activity", J. BIOL. CHEM., vol. 269, no. 30, 29 July 1994, pgs. 19380-19384.			
		McDonald et al., "A structural superfamily of growth factors containing a cystine know motif", CELL, vol. 73, 7 May 1993, pgs. 421-424.			
Examiner Signature				Date Considered	

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